

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/571,795
Source: P&T
Date Processed by STIC: 11/2/04

ENTERED

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10511, 795

CRF Edit Date: 11-2-04
Edited by: K.O.

Realigned nucleic acid/amino acid numbers/text in cases where the sequence
text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID
NO's edited:

☒ Deleted: ☒ Invalid beginning/end-of-file text ; page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:



PCT

RAW SEQUENCE LISTING

DATE: 11/02/2004

PATENT APPLICATION: US/10/511,795

TIME: 14:09:15

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11022004\J511795.raw

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3 <110> APPLICANT: YALE UNIVERSITY
5 <120> TITLE OF INVENTION: TOLL-LIKE RECEPTOR 11 AND TOLL-LIKE RECEPTOR 12
7 <130> FILE REFERENCE: YU-P01-017
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/511,795
C--> 10 <141> CURRENT FILING DATE: 2004-10-19
12 <150> PRIOR APPLICATION NUMBER: 60/374416
13 <151> PRIOR FILING DATE: 2002-04-19
15 <160> NUMBER OF SEQ ID NOS: 8
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 2103
21 <212> TYPE: DNA
22 <213> ORGANISM: Mus musculus
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29 cctcattctg atactattga ctctggaata gaaaaagtgc ctgcaagttt gactggctac      180
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110 20 25 30
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114 35 40 45
117 Gly Ile Glu Lys Val Pro Ala Ser Leu Thr Gly Tyr Ser Glu Leu Arg
118 50 55 60
121 Ala Leu Asp Leu Gly Lys Asn Gln Ile Gln Asn Ile Leu Glu Asn Gly
122 65 70 75 80
125 Glu Ile Pro Gly Tyr Lys Ala Leu Glu Phe Leu Ser Leu His Asp Asn
126 85 90 95
129 His Leu Gln Thr Leu Pro Thr Arg Phe Leu His Thr Leu Pro Gln Leu
130 100 105 110
133 Gln Lys Leu Asn Leu Ser Met Asn Lys Leu Gly Pro Ile Leu Glu Leu
134 115 120 125
137 Pro Glu Gly Leu Phe Ser Thr Asn Leu Lys Val Leu Asp Leu Ser His
138 130 135 140
141 Asn Gln Leu Cys Asp Val Pro His Gly Ala Phe Ser Leu Leu Ser Gln
142 145 150 155 160
145 Leu Gln Glu Leu Trp Leu Ser Gly Asn Asn Ile Ser Ser Leu Ser Asn
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150 180 185 190
153 Asn Gln Ile Lys Val Leu Lys Pro Gly Trp Leu Ser His Leu Pro Ala
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157 Leu Thr Thr Leu Asn Leu Leu Gly Thr Tyr Leu Glu Asn Ile Leu Gly
158 210 215 220
161 Ile Gln Leu Gln Gly Pro Lys Met Leu Arg His Leu Gln Leu Gly Ser
162 225 230 235 240
165 Tyr Pro Met Leu Asp Ile Tyr Pro Pro Trp Pro Pro Thr Leu Leu Ser
166 245 250 255
169 Leu Glu Ile Gln Ala Glu Ser Cys Ile Gln Phe Met Ile His Ser Gly
170 260 265 270
173 Gln Pro Phe Leu Phe Leu Glu Asn Leu Thr Leu Glu Thr Ser Ile Leu
174 275 280 285
177 Leu Leu Lys Pro Asp Asn Ile Thr Ile His Phe Pro Ser Leu Arg Arg

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186      325      330      335
189 Cys Glu Asn Ser Tyr Ala Val Asp Leu Tyr Leu Phe Gly Met Pro Arg
190      340      345      350
193 Leu Arg Val Leu Glu Leu Gly Tyr Leu Asn Phe Phe Tyr Glu Ser Ser
194      355      360      365
197 Thr Met Lys Leu Glu Met Leu Leu Lys Glu Val Pro Gln Leu Gln Val
198      370      375      380
201 Leu Ala Leu Ser His Leu Asn Leu Arg Asn Leu Ser Val Ser Ser Phe
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205 Lys Ser Leu Gln Asp Leu Lys Leu Leu Leu Phe Asn Ser Glu Arg Ala
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209 Leu Glu Met Asn Ser Asn Leu Gln Glu Phe Ile Pro Gln Met Pro Gln
210      420      425      430
213 Tyr Val Tyr Phe Ser Asp Val Thr Phe Thr Cys Gln Cys Glu Ala Ser
214      435      440      445
217 Trp Leu Glu Ser Trp Ala Thr Arg Ala Pro Asn Thr Phe Val Tyr Gly
218      450      455      460
221 Leu Glu Lys Ser Ile Cys Ile Ala Asn Ala Ser Asp Tyr Ser Lys Thr
222 465      470      475      480
225 Leu Leu Phe Ser Phe Leu Ala Thr Asn Cys Pro His Gly Thr Glu Phe
226      485      490      495
229 Trp Gly Phe Leu Thr Ser Phe Ile Leu Leu Leu Leu Leu Ile Ile Leu
230      500      505      510
233 Pro Leu Ile Ser Cys Pro Lys Trp Ser Trp Leu His His Leu Trp Thr
234      515      520      525
237 Leu Phe His Thr Cys Trp Trp Lys Leu Cys Gly His Arg Leu Arg Gly
238      530      535      540
241 Gln Phe Asn Tyr Asp Val Phe Ile Ser Tyr Cys Glu Glu Asp Gln Ala
242 545      550      555      560
245 Trp Val Leu Glu Glu Leu Val Pro Val Leu Glu Lys Ala Pro Pro Glu
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249 Gly Glu Gly Leu Arg Leu Cys Leu Pro Ala Arg Asp Phe Gly Ile Gly
250      580      585      590
253 Asn Asp Arg Met Glu Ser Met Ile Ala Ser Met Gly Lys Ser Arg Ala
254      595      600      605
257 Thr Leu Cys Val Leu Thr Gly Gln Ala Leu Ala Ser Pro Trp Cys Asn
258      610      615      620
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262 625      630      635      640
265 Thr His Leu Leu Leu Leu Phe Leu Glu Pro Leu Asp Arg Gln Arg Leu
266      645      650      655
269 His Ser Tyr His Arg Leu Ser Arg Trp Leu Gln Lys Glu Asp Tyr Phe
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273 Asp Leu Ser Gln Gly Lys Val Glu Trp Asn Ser Phe Cys Glu Gln Leu
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399 Leu Pro Leu Val Ser Arg Tyr Phe Thr Phe Cys Arg His Ser Lys Leu
400 35 40 45
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404 50 55 60
407 Glu Val Val Pro Arg Thr Val Glu Gly Leu Cys Leu Gly Gly Thr Val
408 65 70 75 80
411 Ser Thr Leu Leu Pro Asp Ala Phe Ser Ala Phe Pro Gly Leu Lys Val
412 85 90 95
415 Leu Ala Leu Ser Leu His Leu Thr Gln Leu Leu Pro Gly Ala Leu Arg
416 100 105 110
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420 115 120 125
423 Arg Ser Leu Phe Leu Pro Pro Asp Ala Phe Ser Asp Leu Ile Ser Leu
424 130 135 140
427 Gln Arg Leu His Ile Ser Gly Pro Cys Leu Asp Lys Lys Ala Gly Ile
428 145 150 155 160
431 Arg Leu Pro Pro Gly Leu Gln Trp Leu Gly Val Thr Leu Ser Cys Ile
432 165 170 175
435 Gln Asp Val Gly Glu Leu Ala Gly Met Phe Pro Asp Leu Val Gln Gly
436 180 185 190
439 Ser Ser Ser Arg Val Ser Trp Thr Leu Gln Lys Leu Asp Leu Ser Ser
440 195 200 205
443 Asn Arg Lys Leu Lys Met Ala Ser Pro Gly Ser Leu Gln Gly Leu Gln
444 210 215 220
447 Val Glu Ile Leu Asp Leu Thr Arg Thr Pro Leu Asp Ala Val Trp Leu
448 225 230 235 240
451 Lys Gly Leu Gly Leu Gln Lys Leu Asp Val Leu Tyr Ala Gln Thr Ala
452 245 250 255
455 Thr Ala Glu Leu Ala Ala Glu Ala Val Ala His Phe Glu Leu Gln Gly
456 260 265 270
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460 275 280 285
463 Ala Ser Cys His Ser Leu Lys Thr Leu Gly Leu Ser Ser Thr Gly Leu
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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date